

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE *****	PAGE OF PAGES 1   1
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 03 NOV 26	4. REQUISITION/PURCHASE REQ. NO. 63400 /31716127	5. PROJECT NO. (if applicable)	
6. ISSUED BY NSWC CARDEROCK DIVISION 9500 MACARTHUR BLVD. W BETHESDA MD 20817-5700	CODE N00167	7. ADMINISTERED BY (if other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(X)	9A. AMENDMENT OF SOLICITATION NO. N00167 04 Q 0026
		X	9B. DATED (SEE ITEM 11) 03 NOV 19
			10A. MODIFICATION OF CONTRACT/ORDER NO.
			10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE		

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning 0 copies of the amendment; (b) By acknowledging receipt of the amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (if required)

### 13. THIS ITEM APPLIES ONLY TO MODIFICATION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

THE PURPOSE OF THIS AMENDMENT IS TO PROVIDE ANSWERS TO QUESTIONS REGARDING THE REFERENCED SOLICITATION STATEMENT OF WORK. (SEE PAGE 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED

1. Are the room dimensions in table 1 for the incinerator only, or the entire system including the waste feeder, ash handling equipment, fuel day tank, waste and ash storage, etc. ? If for some of the above, but not all, please specify.

The dimensions are for all of the equipment in the system. The day tank will be provided by the installer and will be located outside the room for ship safety reasons.

2. Clarification of Figures 1 and 2. Are they plan views or elevations ? Could better plan and elevation drawings be made available showing doors, access, exhaust outlet location, service supply locations, etc. ?

The figures show the plan views of the two ships. No further drawings are available. The door location, exhaust outlet location, and service supply locations will be determined based on the equipment selected. Access to the equipment for maintenance must be accomplished within the dimensions provided.

3. The design capacity of 34,640,000 BTU day needs further clarification. Does this include the heating value of the JP-5 ? To make sure we understand correctly, this heat release is to occur over a 24 hour period and include all loading, start-up, cool down, cleaning and maintenance.

The design capacity is the heat release from the waste that is consumed in each 24 hour period. It does not include the heating value of the JP-5 fuel. The heat is released over a 24 hour period that includes startup, operation, cool down, cleaning and maintenance.

4. Given the length of the exhaust path, are there constraints on the size, weight or temperature of the exhaust piping ? Will there be horizontal turns in the path ? If so, how many degrees and where ?

The exhaust duct will be designed by and provided by the installer from the compartment to the exit from the ship. It will connect downstream of all of the incinerator draft inducing equipment, fans, and quench equipment. The bidder will be responsible for all duct between equipment on the system. It is anticipated that the exhaust duct will be insulated to reduce the skin temperature to below 140F. The size and wall thickness will be selected to suit the gas flow rate at operating conditions. All control equipment, sensors, and draft inducing equipment or fans are the responsibility of the bidder. For calculating the draft inducing equipment or fans for the proposal, assume ten 90 degree short radius bends.

5. How many square inches of inlet for air for combustion and ventilation are provided ? If this is fan or blower assisted, how many CFM ? Are there separate intake and exhaust openings ? If so, please provide capacities of each.

The combustion and ventilation air ducts will be provided by the installer. The combustion air inlet duct will connect the MSWI to the outside of the ship. It will be airtight in order to meet the requirements of section 3.9.4 and sized to suit the required airflow. All blowers, fans, dampers, and other equipment for the combustion air are the responsibility of the bidder. The compartment ventilation intake, ventilation exhaust, ventilation fans, heaters, and coolers will be designed by and provided by the installer. Sufficient ventilation and cooling will be provided to maintain the compartment below 100F at all times.

6. Is there a designated technical POC ?

All correspondence shall be directed to the contracting office POC. The technical POC will provide clarifications as necessary to the contracting POC.